



PATIENT PRESENTING CLINICAL SIGNS

Maggie Wilson Histiocytic sarcoma right proximal tibia . Amputation February 10th 2023 Possible metastasis to lungs, right 2nd rib, and T2 spinous process on June 27. Complete lomustine protocol on May 31. CT to confirm if metastatic lesions are present in bones and lung.

SPECIES Abnormal PE/Chem/CBC/UA Results: 1.5 x 2 cm sq mass on right hip, FNA sent out to lab.

Canine COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Bernese Mountain Dog Thorax

The spinous process of T2, the proximal segment of the second to fourth right rib present permeative osteolysis with cortical destruction. Level with the osteolytic lesion, the second right rib presents a transverse fracture with rounded margins and callus formation.

SEX FS In the dorsal aspect of the left caudal lung lobe, an irregular roundish, soft tissue attenuating lesions is visible, measuring 12 mm in size with a lateral small zone with soap bubble like gas inclusions. In the dorsal aspect of the right caudal lung lobe, level with the 9th rib, a small (<2 mm) soft tissue nodule is seen.

AGE 8 Years The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

INTERPRETED BY Sebastian Schaub, DVM
Dr. med. vet. DipECVDI The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

HOSPITAL NAME Animal Health Partners Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen
The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET Jerome Gagnon Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

INVOICE 59193 Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

DATE 7-6-23 The pyloric antrum is fixed to the midline of the ventral abdominal wall by mineralized suture material. The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.



PATIENT In the subcutaneous tissue at the right dorsal aspect of L5, ovoid shape, two multinodular soft tissue structures are visible with mild central mineralization.

Maggie Wilson

The right hind limb – including the femoral head – is absent. Advanced atrophy of the right gluteal musculature is appreciated.

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Canine

- History of amputation right hind limb with exarticulation of the right femoral head; secondary disuse atrophy right gluteal musculature
- Polyostotic aggressive osteolytic lesions T2, second, third and fourth right rib – pathological fracture second right rib
- Solitary pulmonary nodule left caudal lung lobe and ‘Ditzel’ right caudal lung lobe
- Subcutaneous soft tissue nodules dorsal aspect L5
- History of gastropexy in the midline

BREED

Bernese Mountain Dog

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In combination with the history of histiocytic sarcoma, the CT study is supporting the diagnosis of osseous, pulmonary and possible subcutaneous metastasis.

AGE

8 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

REFERRING VET

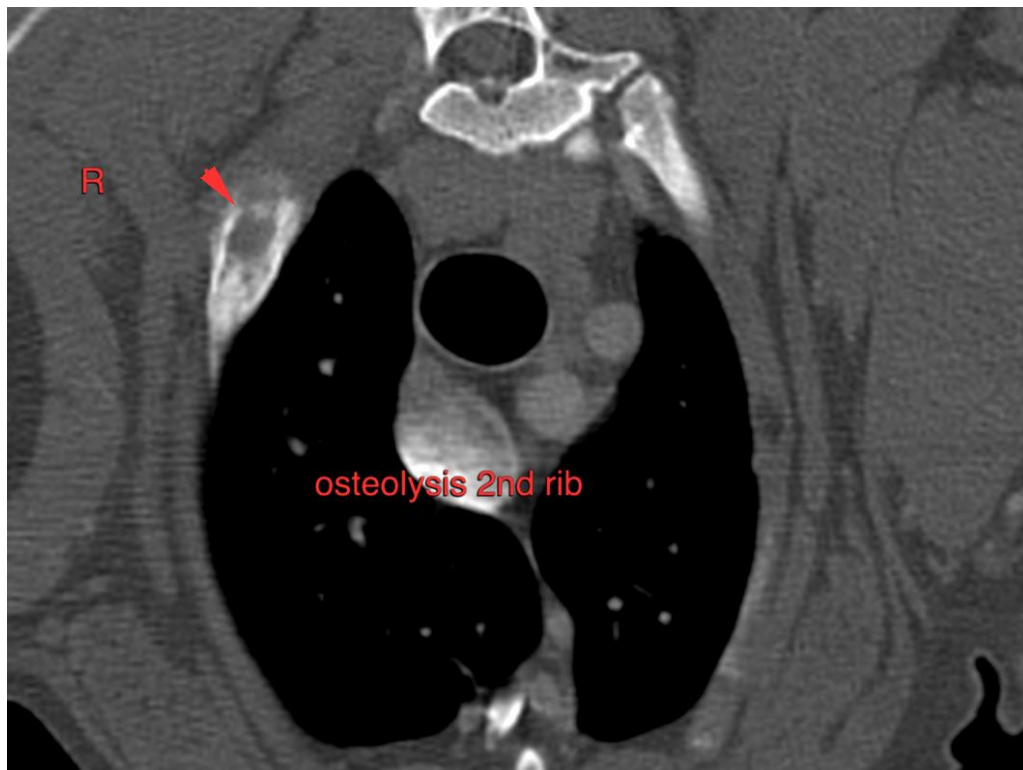
Jerome Gagnon

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Maggie Wilson

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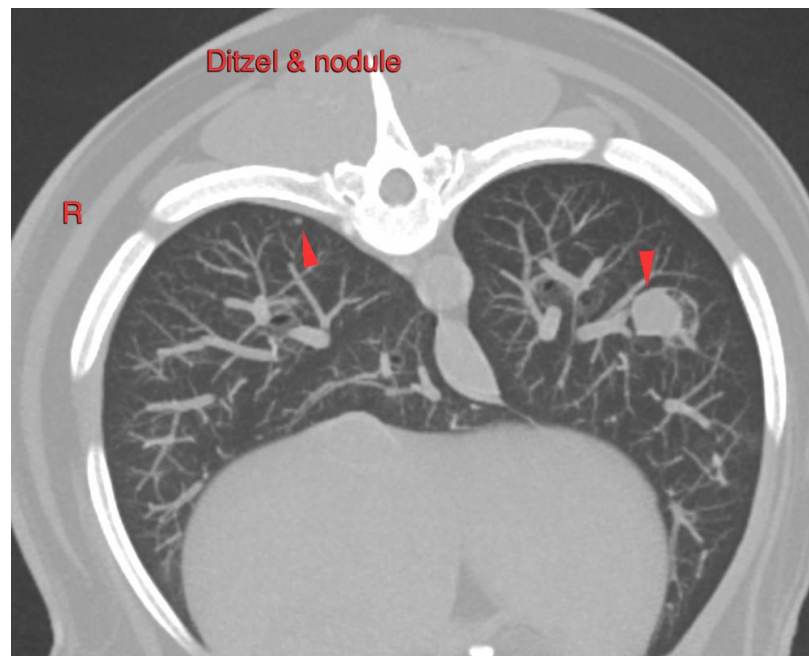
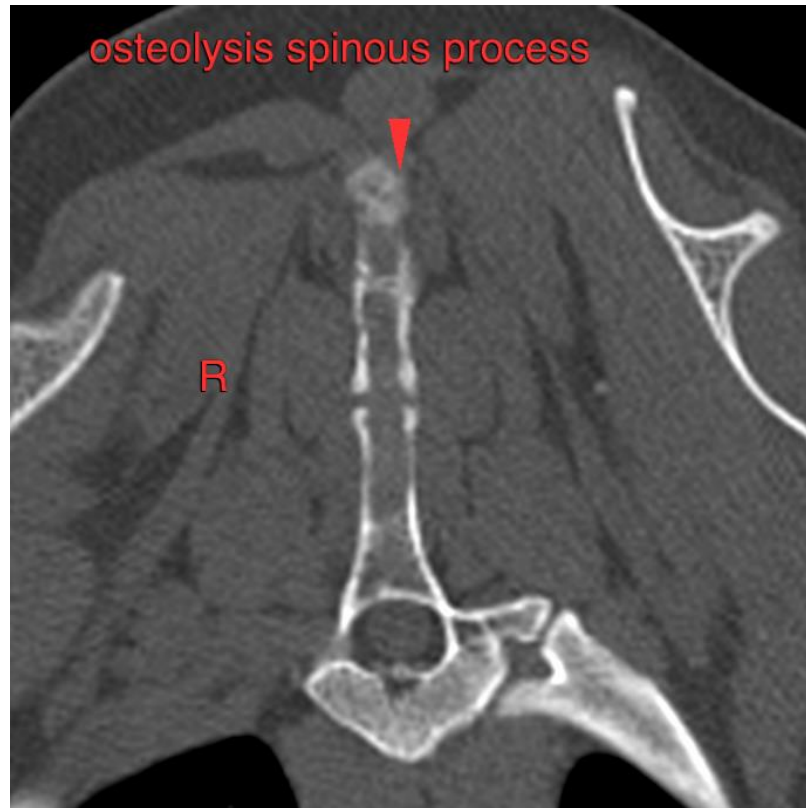
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PATIENT

Maggie Wilson

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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